



Patent Plaques



JP10014869A2: FLUORESCENT ENDOSCOPE

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Country: **JP Japan**

Kind:

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IPC Class: **A61B 1/06;**

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Abstract: **Problem to be solved:** To provide a fluorescent endoscope which can pick up an ordinary image with a high fineness.
Solution: Excited light L1 in the exciting wavelength region of a photo-sensitive substance emitting fluorescence is led to a part 30 inside a vital organism 16 by a light guide 12 for excited light, and illumination light L2 is led to the same part 30 by a light guide 15 for illumination light. The light from this part 3 is branched by a photo-branching means into the first and the second photo-path. The fluorescent image generated with fluorescent beams L3 emitted by the part 30 and advancing in the first photo-path is picked up by an image- picking up means 23. The illumination light L2 reflected by the part 30 and advancing in the second photo-path is received by a solid image picking up element 25 within a vital organism so that an ordinary image with L2 is picked up.
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Other Abstract Info: **DERABS G98-138516 DERG98-138516**

Foreign References: **(No patents reference this one)**



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